

Simmons Road Fire

NC-NCS-11-009-049

Bladen and Cumberland Counties



*****Heat index 109°F*****

Incident Action Plan

Friday

July 29, 2011



INCIDENT OBJECTIVES	1. Incident Name Simmons Road Fire	2. Date prepared: 7/28/2011	3. Time Prepared 1730
4. Operational Period Day (0730- 1930 hrs) 7/29/2011 Friday			
5. General Control Objectives For The Incident			
<p>1. Ensure the safety of firefighters, emergency responders, and general public is our number one priority. We do this through:</p> <ul style="list-style-type: none"> - Strict adherence to the 10 Standard Fire Orders. - Mitigating all 18 Watch Out Situations. - Implementing LCES (Lookouts, Communications, Escape Routes, and Safety Zones). - Maintaining Situational Awareness. - Conducting Hazard / Risk Assessments throughout the day. - Conducting "tailgate" briefing on the line with an emphasis on personnel safety, health and welfare. - <p>2. Keep the Simmons Road Fire contained to the following boundaries:</p> <ul style="list-style-type: none"> • East of Hwy 53; North of Live Oak Methodist Church Road; West of Suggs Mill Pond; South of Turnbull Road <p>3. Continue to improve direct firelines that will provide long term containment and control. Minimize impact to Bushy Lake Natural Area by operating flextracks from within the burned area.</p> <p>4. Mop Up hot spots around fire perimeter identified by Situation Unit Leader on Infrared Heat Map. Watch for reburning and flare-up and take appropriate actions as needed.</p> <p>5. Provide structure protection in conjunction with Cumberland and Bladen EM to residents of Turnbull Rd, Avery Rd and Squatting Bear Road. Monitor fire situation and initiate evacuations should trigger point be breached.</p> <p>6. Provide a constant flow of accurate and timely information to local Fire Dept., Emergency Mgmt. citizens and media outlets.</p> <p>7. Continue rehabilitation &/or repair work as suppression efforts allow. Identify needs and route thru chain-of-command to SITL. Focus is on mitigating safety hazards and negative impacts to water quality & damage to property.</p> <p>8. Follow NC Forest Service financial guidelines contained in the Incident Business Manual, to ensure cost effective incident management. Ensure complete documentation for FMAG (Fire Management Assistance Grant).</p> <p>9. Prepare for a smooth and coordinated incident transition back to NCFS District 8.</p>			
6. Weather Forecast For Period See the attached Weather / Fire Behavior Forcast			
7. General Safety Message See the attached Safety Message			
8. ATTACHEMENTS (X IF ATTACHED)			
[X] Organization List - ICS 203	[X] Medical Plan - ICS 206	[X] Safety message	
[X] Division Assignment Lists - ICS 204's	[X] Incident Map	[X] Unit Log - 214	
[X] Communications Plan - ICS 205	[X] Air Ops Summary ICS 220	[X] Phone List	
9. Prepared By (Planning Section Chief) Greg Hicks	10. Approved By (Incident Commander) Dan Brandon		

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name			
Simmons Road Fire		Lead/Planning Ops	Mike Hardison (8/1)
		Field Ops	David Walker (8/1)
2. Date 7/28/2011	3. Time 1800 hrs	a. Branch I	
4. Operational Period 7/29/11 0730-1930 hrs		Branch Director	
5. Command and General Staff		Division/Group	A,B,D,E,F,J David Poole(t) (8/2)
Incident Commander	Dan Brandon (8/1)	Division/Group	N,O,P,S,T Glenn Coley (8/6)
Info Officer	Roger Miller (8/2)	Division/Group	
Safety Officer	Mike Kretzschmar (8/4)	Division/Group	
Safety Officer	Tom White (8/1)	Division/Group	
Liaison Officer	Mike Huffman (8/1)	Division/Group	
6. Agency Administrators		Division/Group	
NCFS	Gregory Pate	Division/Group	
NC WRC	Ken Shugart	Division/Group	
6. Agency Representatives		Division/Group	
Bladen Co. EM	Bradley Kinlaw / John Hall	Division/Group	
Cumberland Co. EM	Tim Mitchell / Gene Booth	Division/Group	
NC State Parks	Shane Freeman	e. Other Groups	
7. Planning Section		Structure Protection Group	
Chief	Greg Hicks(t) (7/29)	Water Handling Group	
Situation Unit	Mark Bost (8/1)	Staging	
Demob Unit	Kelli Palmer (8/1)	f. Air Operations Branch	
Resources Unit	Gail Bledsoe (8/3)	Air Ops Branch Director	Hugh Carson (8/7)
Field Observer	John McBryde (t) (8/1)		
Fire Behavior	Scott Ludlum(8/4)		
Documentation	Dakota Paris (t) (8/4)		
8. Logistics Section			
Chief	Neil Barrow (8/1)		
Supply Unit	Kevin Pittman (8/1)		
Facilities/Food	Robert Creech (8/7)	10. Finance Section	
Ground Support	Jesse Harper (8/1)	Chief	Don Roach (8/1)
Comm Leader	Sam Bodenhamer (8/1)	Procurement Unit	Louise Faustini (8/1)
Equipment Mngr	Ricky Honeycutt (8/1)	Procurement Unit	Michelle Jones (8/10)
Medical Unit	Richard Van Inwegen (t) (8/8)	Time Unit	Jennifer Kinghorn (8/5)
Ordering	Susan Fay (8/3)	Cost Unit	Beth Plummer (8/1)
Radio Operator	Eric Welker (8/1)	PTRC	Linda Tanis (8/10)
Mechanic	Roy Reyes (8/4)	PTRC	Edna Anglero (8/1)
Mechanic	Gavin Bell (8/1)	Equipment Time Recorder	Darlene Newsome (8/2)
Mechanic	Chris Ward (8/6)	Computer Specialist	Tom James (7/31)
		Prepared by (Resource Unit Leader)	
		Gail Bledsoe	

Safety Message

Simmons Rd./Juniper Rd.

July 29, 2011

COMPLACENCY- Never lower your guard! Stay focused on the mission. Regularly assess hazards and risks; utilize training and common sense.

HYDRATION/HEAT STRESS- Drink early/drink often before you get thirsty. 4:1 water to sport drinks.

FIRE BEHAVIOR – Maintain situational awareness, follow 10 Standard Orders, recognize / mitigate the 18 Watch Out Situations, and apply LCES. Know the fire weather forecast. Monitor conditions.

WORK/REST- Observe 2:1ratio. Work with supervisor to mitigate excess hours by the next shift.

SNAGS-Stay out of area, essential fireline personnel only, look at root system before working/parking in area.

HYGIENE- Wash hands/use hand sanitizer. Monitor/mitigate perishable food items.

ENVIRONMENTAL HAZARDS – Ticks carry Lyme disease! Use insect repellent and check for ticks at end of shift. Pack all food items out with trash and watch for rattlesnakes, copperheads and water moccasins.

DRIVING – Drive defensively. Use passenger as a lookout, navigator, and backing guide. Obey speed limits. Use headlights and seatbelts. <5 MPH in very dusty road conditions. Limit driving on interior roads to essential fireline personnel. Clean your windows, headlights and taillights.

Mitigating Transition

Transition is a red flag event.

Accidents often increase at this time.

Effective communications is imperative.

Brief others, as needed.

Debrief your actions.

Communicate hazards to others.

Acknowledge messages.

Ask, if you don't know.

Safety Officers: Mike Kretschmar, Tom White, Jeff Marshburn

Fire Behavior Forecast – Simmons Road Fire

Forecast Issued: 1730hrs Thursday 7/28/2011
Operational Period: Friday 7/29/2011

Forecast Number 35
Scott Ludlum FBAN

...HEAT ADVISORY IN EFFECT FROM 11 AM TO 8 PM EDT...

.DISCUSSION...

AN UPPER RIDGE WILL BRING A WARMING AND DRYING TREND TO THE REGION INTO THE WEEKEND. RAIN CHANCES WILL INCREASE INTO EARLY NEXT WEEK AS A FRONTAL BOUNDARY APPROACHES FROM THE NORTH AND STALLS ACROSS THE REGION.

Today will be Sunny.

Max Temp 100 degrees, Min RH 41%, **HEAT INDEX 109**

West winds 5-7 mph

Time	0800	1000	1200	1400	1600
Temp	83	89	96	99	100
RH	75	58	47	42	41
Wind	SW4G5	W5	W5G10	W5G10	W6G10

Tonight skies will be partly cloudy.

Min Temp 77 degrees, RH 92%, Southwest at 5-6 mph until early morning...becoming light and variable

Time	1800	2000	2200	2400	0200
Temp	99	93	87	82	80
RH	43	50	66	77	84
Wind	SW5G10	SW4G5	SW4G5	SW4G5	SW4G5

Local Thresholds – Watch Out (Fire Danger Pocket Card) Wind Speed > 7mph RH < 38% Temp >77

Previous Fire Behavior

Ground fire activity continues in the interior sections of the fire. Active reburning was also observed yesterday afternoon.

Predicted Fire Behavior

Continued smoke from the smoldering hotspots will be seen today. Active burning in the litter fuels may be seen in areas with the potential for reburning.

Fuel Model	ROS Chains/Hr	Flame Length	Spot Distance Feet	POI
sh9 - Carolina Bay	16	11	500	53%
tl8 - Sand Ridge	2	2	500	53%

Turnbull Creek (319302) **Predicted** NFDRS Indices for Today for Fuel Model O

1 hour fuel moisture	10 hour fuel moisture	100 hour fuel moisture	1000 hour fuel moisture	BI	IC	ERC	KBDI
7% Down 1 (24 Hr trend)	8% Down 1 (24 Hr trend)	14% Down 2 (24 Hr trend)	18% Up 1 (24 Hr trend)	66 Up 5 (24 Hr trend)	19 Up 4 (24 Hr trend)	50 Down 11 (24 Hr tend)	617 Up 8 (24 Hr trend)

Controllability- Indirect attack with heavy equipment in the bays and direct attack in the sand ridges can be accomplished. Aircraft should always be utilized in the containment effort.

DIVISION ASSIGNMENT LIST		Incident number NC-NCS-11-009-049		2. Division/Group DIV A,B,D,E,F,J				
3. Incident Name SIMMONS ROAD FIRE		4. Operational Period Date: 7/29/11 Time: 0730-1930						
5. Operations Personnel								
Operations Chief Field		David Walker		Division Sup		David Poole (8/2)		
Operation chief Planning		Mike Hardison		Air Attack Sup.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Personnel		Resource Number	Last Work Day	Number Persons	Drop Off PT./Time	Cell Phone #
ENG6 1-65		M. Byrd / K. Robinson		E-277	8/6	2		
ENG6 7-30		E-262.4	S. Sutton	E-262.2	8/6	1		
Fulltrack 7x2		E-30	J. Patterson	O-142	8/6	1		
WAT 7E1 1200 gal		E-238	J. Mercer	E-487.1	8/9	1		
TPL2 7x71		E-262	T. Revels	E-262.1	8/6	1		
7. Control Operations								
<ul style="list-style-type: none"> Patrol and monitor fire perimeter. Mop-up any hotspots inside firelines 100 feet in. 								
8. Special Instructions								
<ul style="list-style-type: none"> Scan Air to Ground as necessary. Have LCES in place for all operations. 								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command and Communication	Rx 151.175 tone 136.5 Tx 159.315 tone 131.8	King NIFC	INC 11	In District	Rx 151.280 tone 131.8 Tx 159.360 tone 131.8	King NIFC	D8 DELCO	
Tactical Div/Group DIV A,B,D,E,F,J	Tx Rx 151.460 Tone 136.5	King NIFC	INC 2	Air to Ground	Tx Rx 171.575 Tone 131.8	King NIFC	INC 8	
Prepared by (Resource Unit Leader) Mark Bost		Approved by (Planning Section Chief) Greg Hicks			Date 7/28/11		Time 1930	

DIVISION ASSIGNMENT LIST			Incident number NC-NCS-11-009-049		2. Division/Group Div N,O,P,S,T				
3. Incident Name SIMMONS ROAD FIRE			4. Operational Period Date: 7/29/11 Time: 0730-1930						
5. Operations Personnel									
Operations Chief Field		David Walker			Division Sup		Glen Coley (8/6)		
Operation chief Planning		Mike Hardison			Air Attack Sup				
6. Resources Assigned this Period									
Strike Team/Task Force/ Resource Designator		Personnel			Resource Number	Last Work Day	Number Persons	Drop Off PT./Time	Cell Phone #
ES6 R2 #15 Maynor					E-270		11		
STEN 3-50		Scott Maynor				8/6			
ENG6 5-41 PJ 5950		R. Lipford / J. Dupree				8/6			
ENG6 11-61 PM-7980		J. Bennett / C. Hirni				8/6			
ENG6 3-22 PJ-5320		J. Ross / S. Comer				8/6 8/4			
ENG6 10-76 PK-1294		E. Burkehart / T. Norman				7/30 8/6			
ENG6 6-31 PK-4212		T. Steves / J. McCall				8/5 8/5			
Backhoe E-235		Unmanned							
Farm Tractor w/ Box Blade E-488		Unmanned							
7. Control Operations									
<ul style="list-style-type: none"> Patrol and monitor fire perimeter. Mop-up any hotspots inside firelines 100 feet in. 									
8. Special Instructions									
<ul style="list-style-type: none"> Scan Air to Ground as necessary. Have LCES in place for all operations. 									
9. Division/Group Communication Summary									
Function	Frequency	System	Channel	Function	Frequency	System	Channel		
Command and Communication	Rx 151.175 tone 136.5 Tx 159.315 tone 131.8	King NIFC	INC 11	In District	Rx 151.280 tone 131.8 Tx 159.360 tone 131.8	King NIFC	D8 DELCO		
Tactical Div/Group N,O,P,S,T	Tx Rx 151.40 Tone 136.5	King NIFC	INC 1	Air to Ground	Tx Rx 171.575 Tone 131.8	King NIFC	INC 8		
Prepared by (Resource Unit Leader) Mark Bost		Approved by (Planning Section Chief) Greg Hicks			Date 7/28/11		Time 1930		

INCIDENT RADIO COMMUNICATIONS PLAN		1. Incident Name SIMMON'S ROAD FIRE	2. Date Time Prepared 7/28/2011	3. Operational Period Date/Time 7/29/2011
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MODE: W=WIDE, N=NARROW									
System/cache	CH #	Function	Frequency	Tone	Mode	Assignment	Remarks		
NCFS	INC 1	TAC	RX: 151.4000	136.5	W	DIVS N, O, P, S, T			
			TX: 151.4000	136.5					
NCFS	INC 2	TAC	RX: 151.4600	136.5	W	DIVS. A,B,D,E, F, & J			
			TX: 151.4600	136.5					
NCFS	INC 3	TAC	RX: 151.3100	136.5	W		Unassigned		
			TX: 151.3100	136.5					
NCFS	INC 4	TAC	RX: 151.2650	136.5	W		Unassigned		
			TX: 151.2650	136.5					
NCFS	INC 6	TAC	RX: 151.1600	151.4	W		Unassigned		
			TX: 151.1600	151.4					
NCFS	INC 8	AIR TO GROUND	RX: 171.5750	131.8	N	ALL DIVS.	Simmons Air to Ground		
			TX: 171.5750	131.8					
NCFS	INC 11	COMMAND	RX: 151.1750	136.5	W	OPERATIONS&COMMUNICATIONS			
			TX: 159.3150	131.8					
USFS	INC 13	AIR TO GROUND	RX: 164.1500	none	N	ALL DIVS.	Juniper Air to ground		
			TX: 164.1500	none					
5. Prepared by (Communications Unit) Sam Bodenhamer / COML		Viper radios should only operate on Charlie 1, 2, & 3							

Note: This is not a standard NWCG ICS205 Form

MEDICAL PLAN	1. Incident Name Simmons Road Fire	2. Date Prepared 7/28/11	3. Time Prepared 1530	4. Operational Period 7/29/11 - DAY			
5. Incident Medical Aid Station							
Medical Aid Stations	Location			Paramedics Yes No			
Fire Line	None Assigned– Follow Emergency Medical Procedures			X			
Live Oak Staging Area 0630-0800 and 1800-2000	Available for medical supply reissue (i.e. bandaids, aspirin, etc.)			X			
Bladen County EMS	Staged at White Oak VFD (Not assigned to Incident)			X			
6. Transportation							
Name	Address	Phone	Paramedics Yes No				
Bladen County EMS	1 Industrial Drive Elizabethtown, NC 28337	911	X				
Cumberland County EMS	610 Gillespie Street Fayetteville, NC 28301	911	X				
B. Incident Ambulances							
Name	Location			Paramedics Yes No			
Bladen County EMS	White Oak VFD (Not assigned to incident)			X			
Cumberland County EMS	Stedman VFD (Not assigned to incident)			X			
Cumberland County EMS	QRV (Quick Response Vehicle - Not assigned to incident)			X			
7. Hospitals							
Name	Address	Travel Time Air Ground		Phone	Helipad Yes No	Burn Center Yes No	
Bladen County Health Care	501 South Poplar Street Elizabethtown, NC 28337	8 min	15 min	910-862-5100	X		X
Cape Fear Valley Hospital	1638 Owen Drive Fayetteville, NC 28304	10 min	30 min	910-615-4000	X		X
UNC Chapel Hill Burn Center & Level 1 Trauma	101 Manning Drive Chapel Hill, NC	1.0 hr	1.45 hr	919-966-3693	X		X
New Hanover Memorial	2243 S. 17 St. Wilmington, NC	45 min	1.5 hrs	910-343-7000	X		X
8. Medical Emergency Procedures							
See Attached.							
Prepared by: Richard A. Van Inwegen MEDL (T)				10. Reviewed by: Tom White SOF2			

Emergency Medical Procedures

DO NOT use patient's name or call sign during emergency.

DO PROVIDE Nature Of Injury, Number Of Injuries, Minor Or Critical Injury

LIFE THREATENING MEDICAL EMERGENCIES

1. On INCIDENT 11, announce "All units Hold Traffic for Medical Emergency"
2. Call Communications and provide:
 - Geographic location (road intersection, GPS Coordinates)
 - Nature of injury or illness
 - Number of personnel involved
3. Communications will notify 911 with emergency details. Communications will then request Bladen County EM/Dispatch for the use of Viper Channel 3 for the emergency.
4. Communications will notify DIVS, OPS, SOF, and AOBD (if air ambulance is requested)
5. Safety officer will initiate investigation.
6. After affected personnel have been treated/transported, Communications will notify the incident that normal radio traffic can resume.

NON-LIFE THREATENING EMERGENCIES

1. Patient notifies next level supervisor
2. Supervisor/Patient notifies Division Supervisor and receives treatment for condition
3. DIVS will advise the Medical Unit Leader and Safety Officer before the end of shift. Provide information concerning illness, injury and any medical care provided.
4. DIVS/Supervisor will document on ICS 214

Trigger Points
for the Simmons Road Fire Evacuation Plan

ACTION:

If any of the following Trigger Points are reached, contact OSC Walker who will activate the Simmons Road Evacuation Plan

1. Turnbull Road, Squatting Bear Road, and Avery Road - Cumberland County.

Should the fire escape containment lines and become established moving to the north from Divisions N, O, P.

2. Turnbull Road, AB Smith Road, and/or NC Highway 53 - Cumberland County.

Should the fire escape and become established from B11 moving to the north on Divisions P and S.

3. Tom Burns Road and/or NC Highway 53 – Cumberland County

Should the fire escape containment lines and become established moving to the north from Divisions B and J.

4. Simmons Road, Gilbert Edge, Live Oak Church Road, Neighbor Road, and/or Frank Smith Road- Bladen County.

Should the fire escape and become established and moving to the south near Simmons Road and Frank Smith Roads on Divisions A, G, and F.

SIMMONS ROAD FIRE CONTACT LIST*** July 29, 2011

Name	Position	Phone
COMMAND		
Brandon, Dan	ICT2	704-616-2252
Huffman, Mike	LOF2	919-218-9060
Miller, Roger	IOF2	828-499-1911
White, Tom	SOF2	910-334-0029
Kretzschmar, Mike	SOF2	828-413-2588
AGENCY ADMINISTRATORS		
Pate, Greg	NCDFR	252-560-5018
AGENCY REPRESENTATIVES		
Kinlaw, Bradley	Bladen Co. EM	910-874-2500
Hall, John	Bladen Co. EM	910-876-3100
Mitchell, Tim	Cumberland Co. EM	910-818-6469
Freeman, Shane	NC State Parks	910-876-1389
German, Garrett	Brushy Creek Nat. Area	910-874-0059
Stein, Doug	Progress Energy	910-742-5230
Smith, Spencer	Progress Energy	910-512-5664
Manwaring, Robert	San Dimas Tech Ctr Smoke Exposure Study	626-224-0123
PLANS		
Hicks, Greg	PSC2	919-545-4501
Bledsoe, Gail	RESL	919-613-0762
Bost, Mark	SITL	919-545-4499
Paris, Dakota	DOCL	336-978-1765
Ludlum, Scott	FBAN	252-903-8007
McBryde, John	FOBS	919-698-2457
Palmer, Kelli	DMOB	828-292-2950
FINANCE		
Roach, Don	FSC2	919-218-4554
Faustini, Louise	PA	910-874-5348
Jones, Michelle	PA	910-874-4984
Plummer, Beth	COST	704-616-0747
Newsome, Darlene	EQTR	252-286-6062
Kinghorn, Jennifer	TIME	919-601-3861
James, Tom	CTSP	919-218-9432

Name	Position	Phone
OPERATIONS		
Hardison, Mike	OSC2 (Lead/Planning)	910-770-0810
Walker, David	OSC2(Field)	828-231-4095
Poole, David	DIVS(A,B,D,E,F,J)	704-647-1020
Coley, Glen	DIVS (N,O,P,S,T)	336-312-4035
AIR OPERATIONS		
Carson, Hugh	AOBD	970-778-7078
LOGISTICS		
Barrow, Neil	LSC2	252-560-6478
Pittman, Kevin	SPUL	919-218-7732
Fay, Susan	ORDM	919-548-5837
Bodenhamer, Sam	COML	828-230-9008
Welker, Eric	RADO	336-239-6834
Creech, Robert	FACL / FDUL	910-640-7859
Harper, Jesse	GSUL	252-526-1473
Bell, Gavin	MECH	704-813-9127
Reyes, Roy	MECH	252-229-1682
Ward, Chris	MECH	910-770-2986
Honeycutt, Ricky	EQPM	828-450-2665

ICP Phones

Information/Safety	910-588-4971
Operations	910-588-4714
Communications	910-588-4699
ICP Fax	910-588-4211
Supply	910-588-4485
Medical	910-588-4483
Plans	910-588-4034
Finance	910-588-4796
Conf/Planning Room	910-588-4751

Simmons Rd Fire ICP Address:

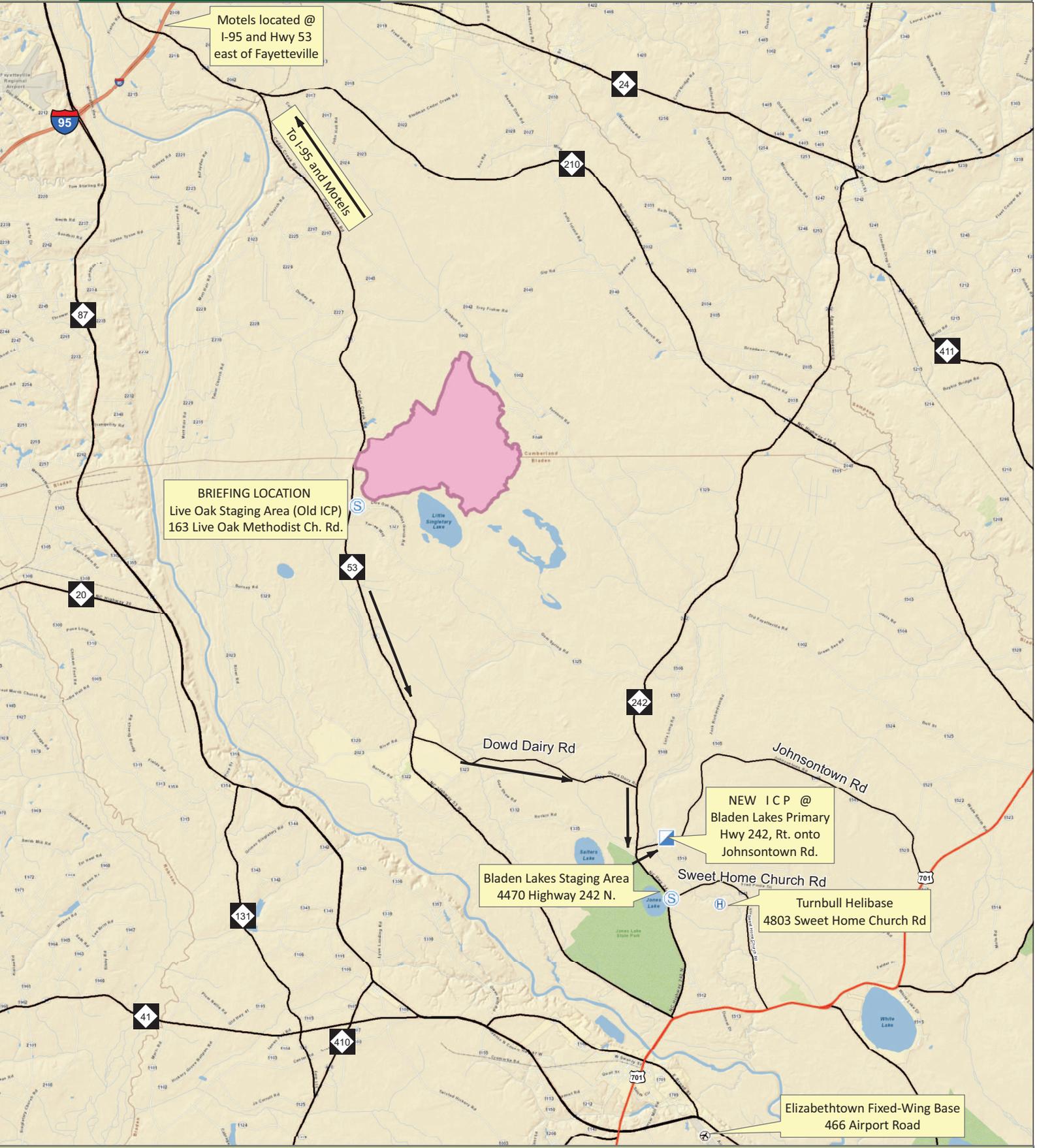
Bladen Lakes Primary School
9554 Johnstontown Rd,
Elizabethtown NC 28337

*** NOTE : Cell phone coverage over the Fire Perimeter is very poor to non-existent.



Transportation Map

Simmons Road Fire NC-NCS-11-009-049



- County Boundaries
- Simmons Road Fire
- S Staging Area
- H Helibase
- ✈ Airstrip or Airport
- Incident Command Post

Perimeters shown are based on the best available information at the time of collection.
7/8/2011 1700
Map Datum: North American 1983
Author: ADB, DGJ

